FOR IMMEDIATE RELEASE:

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MSHA APPROVES NEW ENCAPSULATED LIGHT ENGINE FOR RSL'S FIBER-OPTIC LIGHT AND SAFETY PRODUCTS

East Hartford, Ct. (February 1, 2013) - The Mine Safety and Health Administration (MSHA) of the U.S. Department of Labor has approve certification of RSL's Fiber System's Model 7 Encapsulated Illuminator (Light Engine) for use on permissible electric equipment approved for use in gassy underground mines. It is certified as complying with the applicable requirements of 30 CFR Part 18.

The newest model will be used in RSL's line of safety products for the mining industry including methane detection, temperature monitoring, and visual warning products.

The Methane Detection System monitors the presence of methane gas in real time with a permanently installed, expandable optical sensor network. The sensing is via a low power laser distributed to the sensors by the fiber optic network, inherently safe for use in mines and environments where explosive gases are present. The Distributed Temperature Sensing System predicts equipment failure by monitoring the operating temperature before it becomes catastrophic. It can also signal the presence of fire at an early phase by reporting abnormal changes in ambient temperature. Both systems use a graphic interface that layers the location of fiber optic sensors on a mine map. Warning set points are programmed; and alarm messages are displayed with the specific location of the event.

The Machinery Visual Warning System outlines mining and industrial equipment to enhance its visibility and improve safety. The optical fibers provide a non-electric, highly durable illuminated contour pattern allowing for immediate identification of the equipment by personnel. The Personnel Active Visual Warning System makes miners more visible by utilizing side emitting optical fibers incorporated in suspenders and safety vests. The RSL system is licensed by NIOSH .

RSL Fiber Systems LLC is the market leader in advanced remote source fiber optic lighting systems solutions, di-electric passive safety systems and comprehensive engineering services for military and commercial markets. Its core technology – remote source lighting- provides illumination by utilizing high-efficiency optical fiber to deliver light safely to critical and hazardous locations. Its innovative lighting solutions are used on the world's most sophisticated warships including the U.S. Navy's newest destroyer, the DDG 1000, the LPD 17 Class, and the Italian FREMM frigates as well as in mining, petrochemical, renewable energy, and first responders/homeland security applications.

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